

FIELD OFFICE TECHNICAL GUIDE Sec. II
WASTE DISPOSAL INTERPRETATIONS

Sanitary Facilities - Part 1.

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Humboldt County, Iowa

Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
6: Okoboji, depressional-----	83	Very limited Depth to saturated zone Ponding Restricted permeability	1.00 1.00 0.91	Very limited Depth to saturated zone Ponding Seepage	1.00 1.00 0.50
27B: Terril-----	85	Somewhat limited Depth to saturated zone restricted permeability	0.43 0.25	Somewhat limited Seepage Slope	0.50 0.32
54: Zook-----	80	Very limited Flooding Depth to saturated zone Restricted permeability	1.00 1.00 0.99	Very limited Depth to saturated zone Flooding	1.00 1.00
55: Nicollet-----	75	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 0.50
62F: Storden-----	78	Very limited Slope restricted permeability	1.00 0.25	Very limited Slope Seepage	1.00 0.50
90: Okoboji, mucky, depressional-----	83	Very limited Depth to saturated zone Ponding Restricted permeability	1.00 1.00 0.91	Very limited Depth to saturated zone Ponding Seepage	1.00 1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value
95: Harps-----	83	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 0.50
107: Webster-----	80	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 0.50
135: Coland-----	83	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Depth to saturated zone Flooding Seepage	1.00 1.00 1.00
138B: Clarion-----	80	Somewhat limited Depth to saturated zone restricted permeability	0.43 0.25	Somewhat limited Seepage Slope	0.50 0.32
138C2: Clarion, moderately eroded-----	78	Somewhat limited Depth to saturated zone restricted permeability	0.43 0.25	Very limited Slope Seepage	1.00 0.50
175: Dickinson-----	85	Very limited Filtering capacity	1.00	Very limited Seepage	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
Wadena-----	3	Very limited Filtering capacity restricted permeability	1.00 0.25	Very limited Seepage	1.00
175B: Dickinson-----	75	Very limited Filtering capacity	1.00	Very limited Seepage Slope	1.00 0.32
175C: Dickinson-----	83	Very limited Filtering capacity	1.00	Very limited Seepage Slope	1.00 1.00
188: Kensett-----	90	Very limited Depth to bedrock Depth to saturated zone	1.00 1.00	Very limited Depth to hard bedrock Seepage Depth to saturated zone	1.00 1.00 1.00
201B: Coland-----	55	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Depth to saturated zone Flooding Seepage	1.00 1.00 1.00
Terril-----	35	Somewhat limited Depth to saturated zone restricted permeability	0.43 0.25	Somewhat limited Seepage Slope	0.50 0.32

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
203: Cylinder-----	75	Very limited Depth to saturated zone Filtering capacity restricted permeability	1.00 1.00 0.25	Very limited Seepage Depth to saturated zone	1.00 1.00
221: Klossner, depressional-----	88	Very limited Depth to saturated zone Subsidence Ponding Restricted permeability	1.00 1.00 1.00 0.37	Very limited Depth to saturated zone Seepage Ponding Content of organic matter	1.00 1.00 1.00 1.00
236B: Lester-----	83	Somewhat limited restricted permeability	0.35	Somewhat limited Seepage Slope	0.50 0.32
236C: Lester-----	81	Somewhat limited restricted permeability	0.35	Very limited Slope Seepage	1.00 0.50
236C2: Lester-----	76	Somewhat limited restricted permeability	0.35	Very limited Slope Seepage	1.00 0.50
236D2: Lester-----	83	Somewhat limited Slope restricted permeability	0.63 0.35	Very limited Slope Seepage	1.00 0.50

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
236E: Lester-----	86	Very limited Slope restricted permeability	1.00 0.35	Very limited Slope Seepage	1.00 0.50
236F: Lester-----	80	Very limited Slope restricted permeability	1.00 0.35	Very limited Slope Seepage	1.00 0.50
253B: Farrar-----	85	Not limited restricted permeability	0.25	Very limited Seepage Slope	1.00 0.32
253C: Farrar-----	85	Not limited restricted permeability	0.25	Very limited Seepage Slope	1.00 1.00
256G: Lester-----	50	Very limited Slope restricted permeability	1.00 0.35	Very limited Slope Seepage	1.00 0.50
Storden-----	38	Very limited Slope restricted permeability	1.00 0.25	Very limited Slope Seepage	1.00 0.50
259: Biscay, 32 to 40 inches to sand and gravel-----	70	Very limited Depth to saturated zone Filtering capacity restricted permeability	1.00 1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
274: Rolfe, depressional-	85	Very limited Depth to saturated zone Ponding Restricted permeability	1.00 1.00 0.99	Very limited Depth to saturated zone Ponding Seepage	1.00 1.00 0.50
308: Wadena, 32 to 40 inches to sand and gravel-----	75	Very limited Filtering capacity restricted permeability	1.00 0.25	Very limited Seepage	1.00
308B: Wadena, 32 to 40 inches to sand and gravel-----	85	Very limited Filtering capacity restricted permeability	1.00 0.25	Very limited Seepage Slope	1.00 0.32
330: Kingston-----	80	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 0.50
338: Garmore-----	78	Somewhat limited Depth to saturated zone restricted permeability	0.43 0.25	Somewhat limited Seepage	0.50
339: Truman-----	90	Not limited restricted permeability	0.25	Somewhat limited Seepage	0.50

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
339B: Truman-----	90	Not limited restricted permeability	0.25	Somewhat limited Seepage Slope	0.50 0.32
344B: Copaston-----	80	Very limited Depth to bedrock	1.00	Very limited Depth to hard bedrock Seepage Slope	1.00 1.00 0.08
354: Aquolls, (marsh), ponded-----	80	Very limited Depth to saturated zone Ponding	1.00 1.00	Very limited Depth to saturated zone Content of organic matter Ponding	1.00 1.00 1.00
485: Spillville-----	80	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 1.00
506: Wacousta-----	83	Very limited Depth to saturated zone Ponding restricted permeability	1.00 1.00 0.25	Very limited Depth to saturated zone Ponding Seepage	1.00 1.00 0.50
507: Canisteo-----	75	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value
508: Calcousta-----	83	Very limited Depth to saturated zone Ponding restricted permeability	1.00 1.00 0.25	Very limited Depth to saturated zone Ponding Seepage	1.00 1.00 0.50
526: Wacousta-----	83	Very limited Depth to saturated zone Ponding restricted permeability	1.00 1.00 0.25	Very limited Depth to saturated zone Ponding Seepage	1.00 1.00 0.50
536: Hanlon-----	85	Very limited Flooding Depth to saturated zone	1.00 0.43	Very limited Flooding Seepage	1.00 1.00
638C2: Clarion, moderately eroded-----	50	Somewhat limited Depth to saturated zone restricted permeability	0.43 0.25	Very limited Slope Seepage	1.00 0.50
Storden, moderately eroded-----	35	Not limited restricted permeability	0.25	Very limited Slope Seepage	1.00 0.50
659: Mayer-----	80	Very limited Depth to saturated zone Filtering capacity restricted permeability	1.00 1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 1.00

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
823: Ridgeport-----	75	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
823B: Ridgeport-----	86	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
				Slope	0.32
823C2: Ridgeport, moderately eroded--	85	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
				Slope	1.00
828B: Zenor-----	88	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
				Slope	0.32
828C2: Zenor, moderately eroded-----	79	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
				Slope	1.00
829D2: Zenor, moderately eroded-----	45	Very limited Filtering capacity	1.00	Very limited Slope	1.00
		Slope	0.63	Seepage	1.00
Storden, moderately eroded-----	35	Somewhat limited Slope	0.63	Very limited Slope	1.00
		restricted permeability	0.25	Seepage	0.50

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
835D2: Storden, moderately eroded-----	50	Somewhat limited Slope restricted permeability	0.63 0.25	Very limited Slope Seepage	1.00 0.50
Omsrud, moderately eroded-----	35	Somewhat limited Slope restricted permeability	0.63 0.25	Very limited Slope Seepage	1.00 0.50
835E2: Storden, moderately eroded-----	50	Very limited Slope restricted permeability	1.00 0.25	Very limited Slope Seepage	1.00 0.50
Omsrud, moderately eroded-----	35	Very limited Slope restricted permeability	1.00 0.25	Very limited Slope Seepage	1.00 0.50
956: Harps-----	45	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 0.50
Okoboji-----	35	Very limited Depth to saturated zone Ponding Restricted permeability	1.00 1.00 0.91	Very limited Depth to saturated zone Ponding Seepage	1.00 1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value
1585: Spillville-----	45	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 1.00
Coland-----	35	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Depth to saturated zone Flooding Seepage	1.00 1.00 1.00
4000: Urban Land-----	100	Not rated		Not rated	
5010: Pits, Gravel-----	100	Not rated		Not rated	
5030: Pits, Quarries-----	100	Not rated		Not rated	
5040: Udorthents-----	100	Not rated		Not rated	
5080: Udorthents-----	100	Not rated		Not rated	
AW: Animal Waste Lagoon-	100	Not rated		Not rated	
SL: Sewage Lagoon-----	100	Not rated		Not rated	

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Map symbol and soil name	Pct. of map unit				
W: Water-----	100	Not rated		Not rated	